

## **Biology**

### **Chapter 2 Vocabulary**

**Chemistry**

**Matter**

**Elements**

**Periodic table of the elements**

**Protons**

**Neutrons**

**Electrons**

**Ion**

**Ionic bond**

**Covalent bond**

**Compound**

**Molecular formula**

**Structural formula**

**Molecule**

**Chemical change**

**Acid**

**Base**

**Neutralize**

**pH**

**Buffer**

**Acid rain**

**Physical change**

**Mixture**

**Heterogenous**

**Homogenous**

**Energy**

**Kinetic energy**

**Potential energy**

**Entropy**

**Diffusion**

**Equilibrium**

**Concentration gradient**

**Diffusion pressure**

**Semipermeable membrane**

**Osmosis**

**Solutes**

**Catalysts**

**Solute**

**Solvent**

**Suspension**

**Colloid**

**Sol phase**

**Gel phase**

**Biosynthesis**

**Vitalism**

**Enzymes**

**Carbohydrates**

**Monosaccharides**

**Glucose**

**Disaccharide**

**Dehydration synthesis**

**Sucrose**

**Hydrolysis**

**Polysaccharide**

**Starch**

**Glycogen**

**Cellulose**

**Lipids**

**Fats**

**Phospholipids**

**Proteins**

**Polypeptide chain**

**Amino acids**

**Nucleic acids**

**DNA**

**Nucleotides**

**RNA**

**Replication**

**Transcription**